

METHODS AND MATERIALS FOR REDUCING DAMAGE FROM
ENVIRONMENTAL ELECTROMAGNETIC EFFECTS

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ABSTRACT OF THE DISCLOSURE

Disclosed is a method of reducing damage resulting from environmental electromagnetic effects on a non-metallic surface. The method includes disposing a 10 polymeric sheet material over the non-metallic surface and disposing a metal layer between the non-metallic surface and the polymeric sheet material. Objects which includes a substrate having a non-metallic surface, a halopolymer sheet material disposed over the substrate's 15 non-metallic surface, and a metal layer disposed between the halopolymer sheet material and the substrate's non-metallic surface are also described. Laminates are also disclosed. One such laminate includes a metal layer having a first surface and a second surface, a 20 halopolymer sheet material bonded or adhered to the first surface of the metal layer, and an adhesive disposed on the second surface of the metal layer. Another such laminate includes a halopolymer fabric having a first surface and a second surface, a metal layer bonded or 25 adhered to the first surface of the halopolymer fabric, and an adhesive disposed on the second surface of the halopolymer fabric.